

Claims.

1. Pneumatic power tool, comprising a housing (10), a motor, a pressure air inlet passage (11,15) and an exhaust air outlet passage (12,17), and an adjustable exhaust air outlet deflector (14) rotatably supported on said housing (10),
- c h a r a c t e r i z e d in that said outlet deflector (14) comprises
- a cup-shaped outlet piece (20) having at least one radially directed outlet opening (25), and one or more axially directed outlet openings (26) arranged in a certain pattern,
- a valve element (21) rotatably supported in a co-axial relationship with said outlet piece (20),
- said valve element (21) has one or more axially directed apertures (28) arranged in a pattern congruent with said certain pattern of said axially directed outlet opening or openings (26) of said outlet piece (20), and at least one radially directed aperture (30) to be selectively brought into alignment with said at least one radially directed outlet opening (25) of said outlet piece (20), wherein said outlet piece (20) and said valve element (21) are rotatable relative to each other between
- a first relative position wherein said axially directed aperture or apertures (28) of said valve element (21) coincide fully with said axially directed outlet opening or openings (26) of said outlet piece (20), and said at least one radially directed aperture (30) of said valve element (21) does not at all coincide with said radially directed outlet opening or openings (25) of said outlet piece (20), and
  - a second relative position wherein said at least one radially directed aperture (30) of said valve element (21) coincides fully with said radially directed outlet opening or openings (25) of said outlet piece (20), and said

axially directed aperture or apertures (28) of said valve element (21) do not at all coincide with said axially directed outlet opening or openings (26) of said outlet piece (20).

2. Power tool according to claim 1, wherein said outlet piece (20) and said valve element (21) are axially displaceable relative to the housing (10), and a spring (24) is arranged to bias said valve element (21) against said outlet piece (20) so as to frictionally couple said valve element (21) relative to said outlet piece (20) for accomplishing joint rotation of said outlet piece (20) and said valve element (21) for adjusting the exhaust flow outlet direction from the outlet deflector (14) in said second relative position, and a coupling device (35,36) is provided between said valve element (21) and the housing (10) for positively locking said valve element (21) against rotation as said valve element (21) is displaced axially toward the housing (10) by said outlet piece (20) against the bias force of said spring (24), thereby enabling said outlet piece (20) to be rotated relative to said valve element (21) between said first relative position and said second relative position, despite the frictional coupling between said outlet piece (20) and said valve element (21).

3. Power tool according to claim 1 or 2, wherein said air inlet passage (11,15) comprises an inlet socket (15) secured to the housing (10) and extending co-axially through said outlet piece (20) and said valve element (21), and an annular shoulder (22) on said inlet socket (15) forms an axial bearing surface for said outlet piece (20).

4. Power tool according to claim 3, wherein said valve element (21) is located inside said outlet piece (20).